Discovering Hidden Temporal Patterns in Behavior and Interaction: T-Pattern Detection and Analysis with THEME(TM) (Neuromethods)

By -

Springer. Hardcover. Condition: New. 250 pages. Discovering hidden recurring patterns in observable behavioral processes is an important issuefrequently faced by numerous advanced students and researchers across many research areas, includingpsychology, biology, sports, robotics, media, finance, and medicine. As generally, themany powerful methods included in statistical software packages were not developed for this kind ofanalysis, discovering such patterns has proven a particularly difficult task, due to a lack of a) adequateformalized models of the kinds of patterns to look for, b) corresponding detection algorithms and c)their implementation in available software. The research described in this book is based on the application of such pattern types, algorithms andsoftware developed from the late seventies to the present in the context of researchin collaboration with human and animal behavioral research teams at internationally leadinguniversities in the US and Europe, thus testing the usefulness and validity of the pattern types, algorithms and software in numerous research areas. With the (scale independent statistical hierarchical and fractal-like) T-Pattern at its heart, a set ofproposed pattern types, called the T-System, forms the basis for the search algorithms implemented asthe software THEME (TM) (vs. 6), which is easily available in free educational and full commercialversions. This item ships from...

READ ONLINE
[4.36 MB]

Reviews

This book is really gripping and fascinating. I really could comprehended almost everything using this published e book. I am just very easily can get a delight of reading a published publication.
-- Kailey Pacocha

This ebook will be worth buying. It usually fails to price an excessive amount of. You wont feel monotony at whenever you want of your respective time (that's what catalogs are for regarding in the event you check with me).
-- Ernest Vandervort